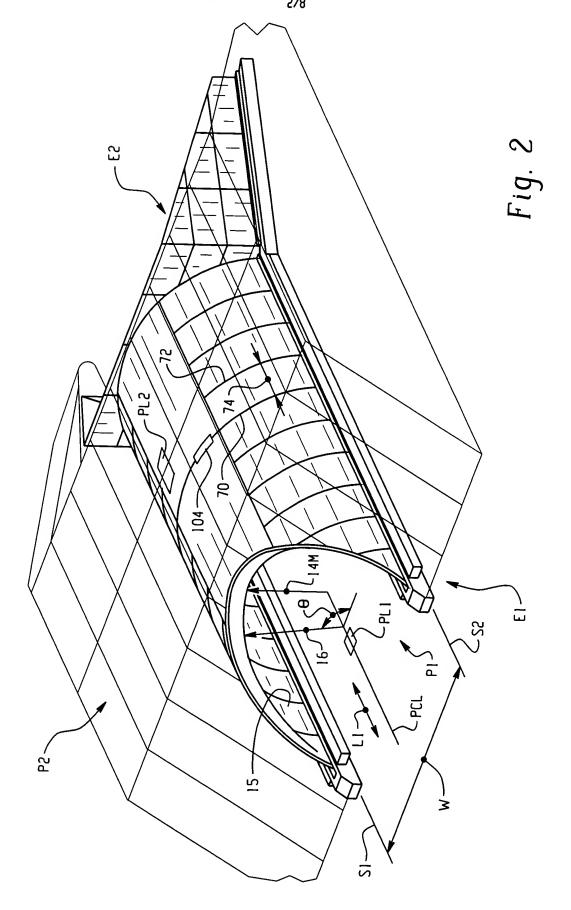
Title: HYBRID ARCHED OVERFILLED STRUCTURE Applicant: Werner Heierli Serial No: Unassigned D cket N: 027262-182-D1 32 20 6/ 80/ [/]26 / 80 98 84 94 42 30 38 / 82 ^ 24. 15 98. ġ 99 207 9

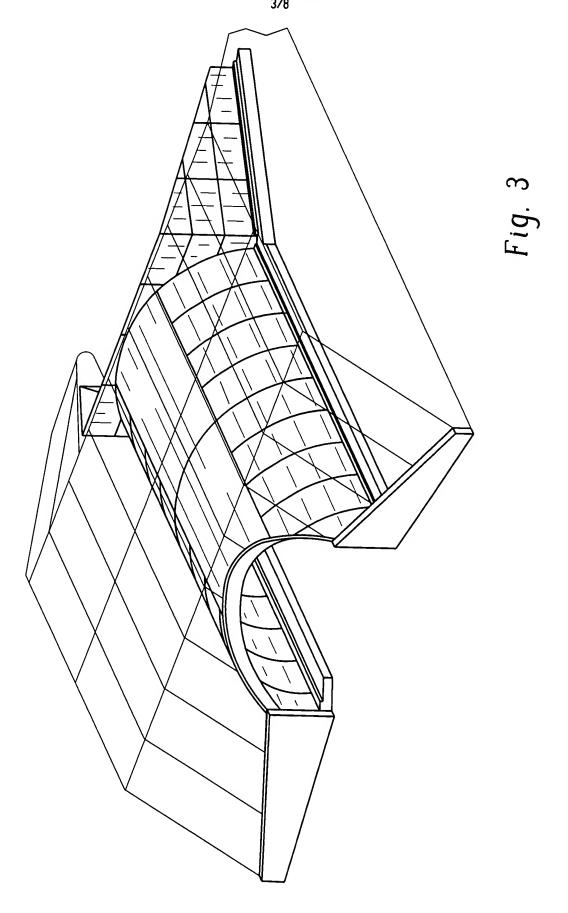
STRUCTURE

Applicant: Werner Heierli Serial N: Unassigned Docket N: 027262-182-D1 2/8



STRUCTURE

Applicant: Werner Heierli Serial No: Unassigned Docket No: 027262-182-D1 3/8



Title: HYBRID ARCHED OVERFILLED STRUCTURE

Applicant: Werner Heierli Serial No: Unassigned Docket No: 027262-182-D1 4/8

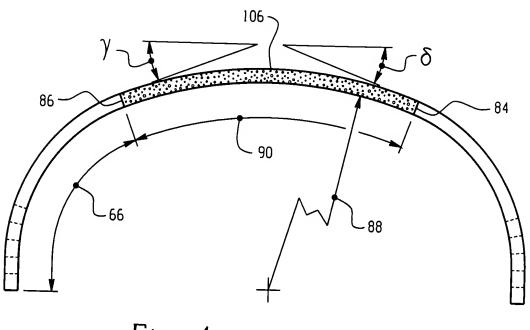
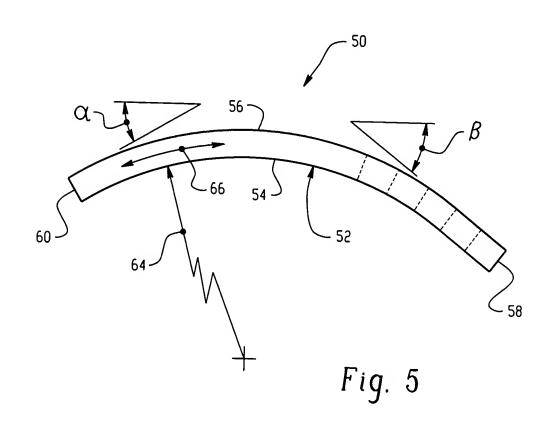


Fig. 4



STRUCTURE

Applicant: Werner Heierli Serial No: Unassigned Docket No: 027262-182-D1 5/8

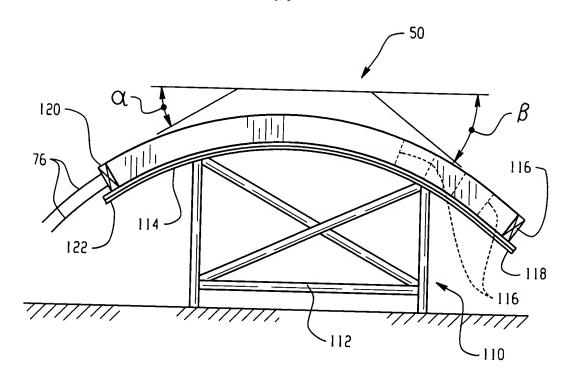


Fig. 6

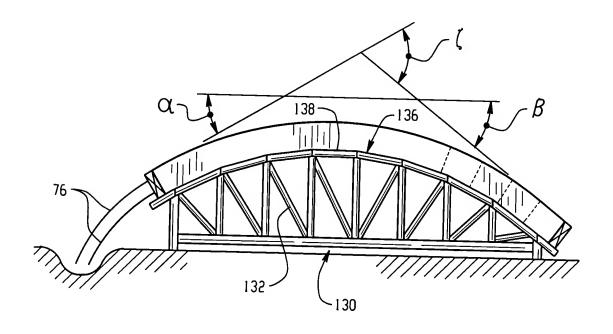
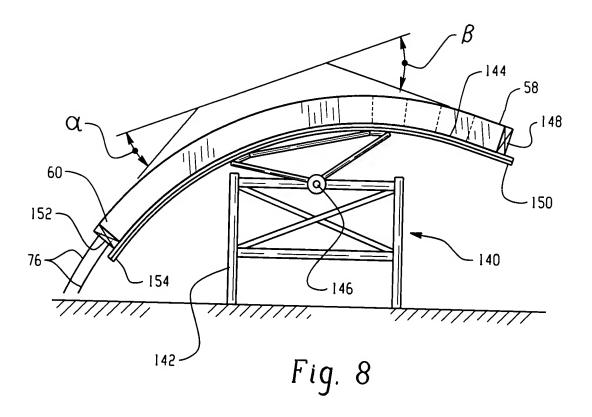
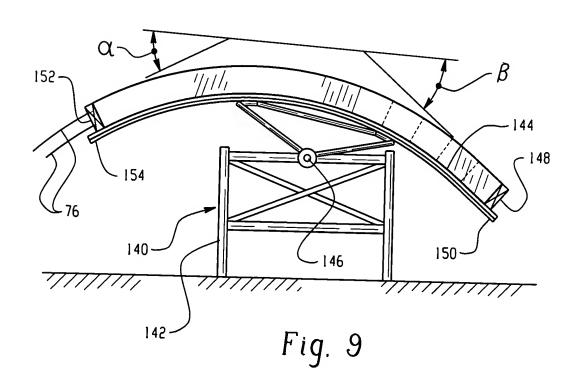


Fig. 7

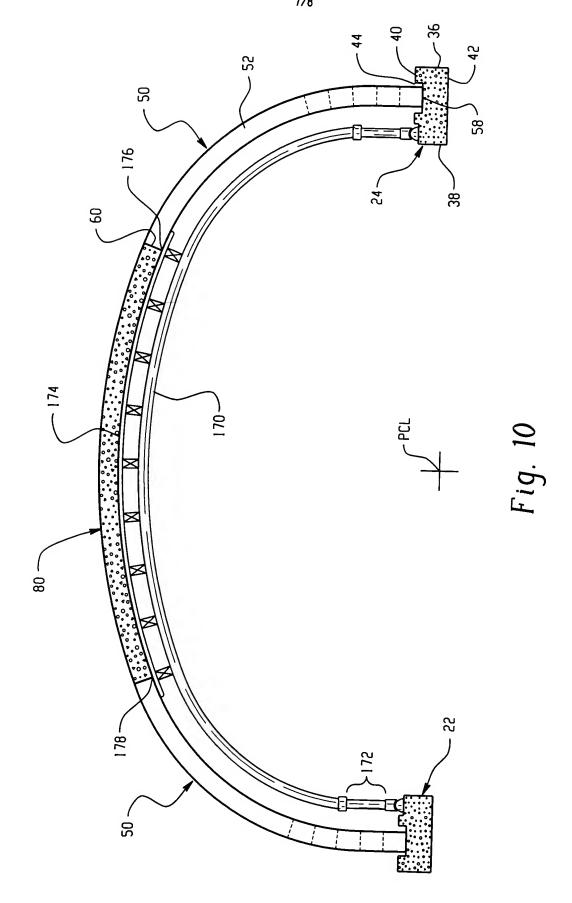
STRUCTURE

Applicant: Werner Heierli Serial No: Unassigned Docket No: 027262-182-D1 6/8





Title: HYBRID ARCHED OVERFILLED STRUCTURE Applicant: Werner Heierli Serial No: Unassigned Docket No: 027262-182-D1 7/8



Serial N: Unassigned Docket N: 027262-182-D1 8/8 200 DEFINE A FIRST PATHWAY 505 DEFINE A SECOND PATHWAY ABOVE SAID FIRST PATHWAY FORMING A PLURALITY OF ARCUATE PRECAST SIDE ELEMENTS 204 INCLUDING CONNECTING ELEMENTS USING A CASTING TABLE HAVING AN ARCUATE FORM SURFACE 506 HEATING A PRECAST SIDE ELEMENT WHILE IT IS BEING CURED 508 ADJUSTING THE CASTING TABLE DURING THE FORMATION OF A SIDE ELEMENT 510 PLACING TWO FOOTING STRIPS ADJACENT TO THE FIRST PATHWAY, WITH ONE FOOTING ON EACH SIDE OF THE FIRST PATHWAY - 212 PLACING A CROWN SECTOR FORMWORK ON OR BETWEEN THE FOOTING STRIPS AND ADJUSTING THE FORMWORK TO THE REQUIRED LOCATION PLACING TWO ROWS OF PRECAST SIDE ELEMENTS, SUPPORTING ONE 214 END OF EACH SIDE ELEMENT ON ONE OF THE TWO SAID FOOTING STRIPS AND THE OTHER SIDE OF THE SAME PRECAST ELEMENT AGAINST THE SAID CROWN SECTOR FORMWORK SEALING THE INTERFACE BETWEEN THE SAID CROWN SECTOR FORM 216 AND THE SAID PRECAST SIDE ELEMENTS, PLACING REINFORCEMENT STEEL AND OTHERWISE PREPARING FOR THE RECIEPT OF CONCRETE IN THE CROWN SECTOR FORMWORK - 218 POURING CONCRETE TO CREATE A CROWN SECTOR ELEMENT ON THE SAID CROWN SECTOR FORMWORK AND BONDING WITH THE SIDE ELEMENT CONNECTING ELEMENTS TO FORM CLOSURE OF THE ARCH - 550 HEATING A CROWN SECTOR ELEMENT WHILE IT IS BEING CURED FORMING AN END TREATMENT AT EACH END OF THE BRIDGE BACKFILLING AROUND THE BRIDGE

Title: HYBRID ARCHED OVERFILLED

STRUCTURE

Applicant: Werner Heierli